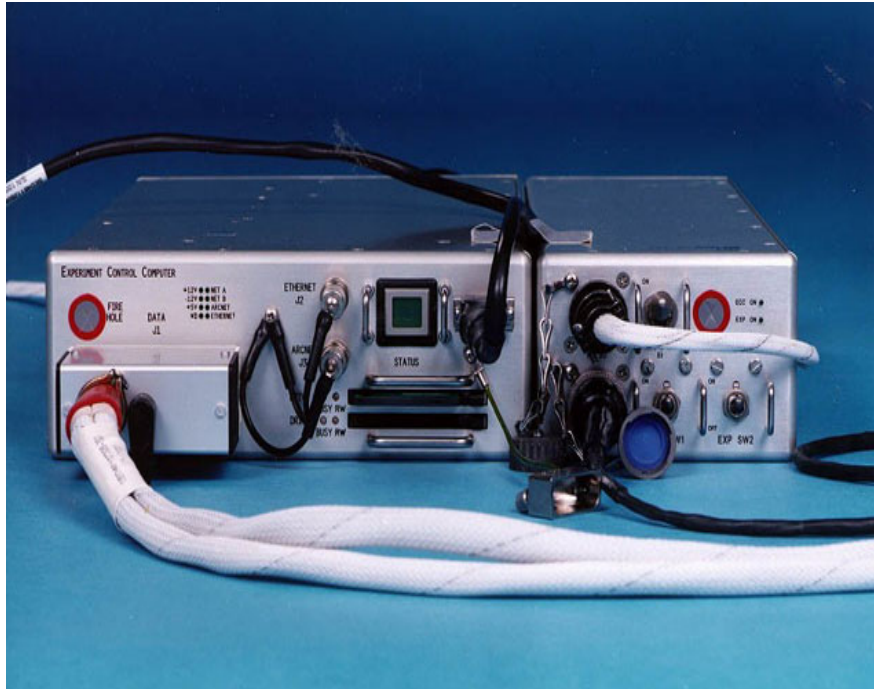


Experiment Control Computer (ECC)



Engineering Description:

The ECC is a one-half locker computer that provides the interfaces required for communication and control of experiment equipment, execution of the investigator's experiment protocol, and the recording and archiving of experiment data and experiment equipment performance data. The ECC interfaces with the EXPRESS laptop computer via the EXPRESS Rack Payload Ethernet Hub Bridge (PEHB) which allows crew interaction for control of other experiment operating modes. The ECC has a high-density connector for cable connection to the investigator's experiment equipment.

Flight History:

Past

July 1995 STS-70
Sep 1996 STS-79/Mir 3
Aug 1997 STS-85
Jan 1998 STS-89/Mir 7

Future

Jan 2003 STS 107